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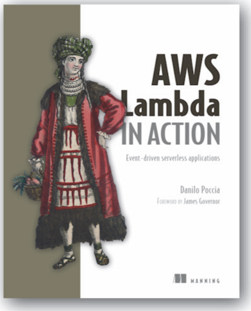
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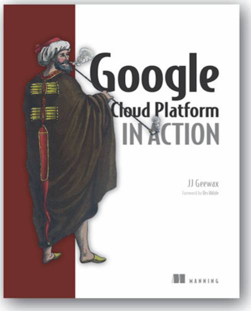

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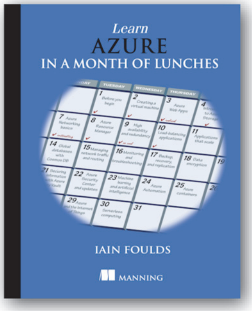

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Storage & Database

Abbr.	Name	Description	Where
S3	Amazon Simple Storage Service	Object store to save data without any size restrictions	8
	Amazon Glacier	Inexpensive data archive solution	8.4
EBS	Amazon Elastic Block Store	Network attached block level storage for EC2 instances	9.1
	Amazon EC2 Instance Store	Block level storage for EC2 instances	9.2
EFS	Amazon Elastic File System	Scalable network file system based on NFSv4	10
RDS	Amazon Relational Database Service	MySQL, Oracle Database, Microsoft SQL Server, or PostgreSQL	11
	Amazon DynamoDB	Proprietary NoSQL key-value database with limited but powerful options for queries	13
	Amazon ElastiCache	In-memory data store based on Redis or Memcached typically used to cache data	12

Architecting on AWS

Abbr.	Name	Description	Where
AZ	Availability Zone	Group of isolated data centers within a region	14.2
ASG	Amazon EC2 auto-scaling group	Observes a fleet of servers: Replaces faulty servers and increases/decreases the size of the fleet based on external triggers like CPU usage	17
	Amazon CloudWatch	Keeps track of metrics and triggers alarms when a threshold is reached	14.1
ELB	Elastic Load Balancing	Load balancer for EC2 instances	15.1
ALB	Application Load Balancer	Layer 7 load balancer with HTTP and HTTPS support	15.1
SQS	Amazon Simple Queue Service	Message queue	15.2

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